(12) # EUROPEAN PATENT APPLICATION

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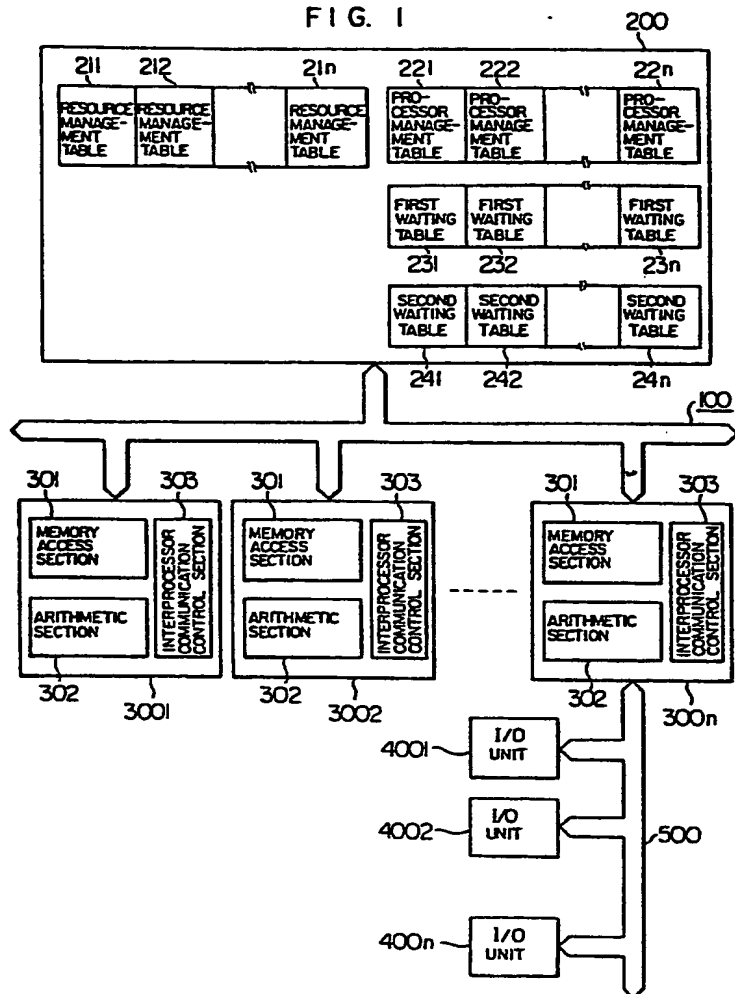**Mawatari Katsuta-shi(JP)**

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(54) Information processing system.

(57) An operating system processor (3001) for managing resources concentrically, job processors (3002, ..., 300n) for executing processes input/output processors (4001, 4002, ..., 400n) for executing input/output processes, a file processor for executing input/output processing to a file system, and a main memory (200) are connected together by a common bus (100). The operating system processor (3001) receives a resource request from the job processors (3002, ..., 300n) so as to manage the allotment of resources to the job processors by referring to a resource management table (211, 212, ..., 21n), a processor management table (221, 222, ..., 22n), and waiting tables (231, 232, ..., 23n, 241, 242, ..., 24n).

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FIG. 1

European Patent Office

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication. where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. ³)
Y	IBM TECHNICAL DISCLOSURE BULLETIN vol.19, no 8, January 1977, NEW YORK USA; J.G.SAMS: "Low-cost systems using multiple processors", pages 2879-2883. *Page 2880, line 1 to page 2883, line 3*	1,2	G 06 F 9/46
Y	NEC RESEARCH and DEVELOPMENT no.36 January 1975, (TOKYO); KENI OHMORI et al.: "MICS-A MULTI-MICROPROCESSOR SYSTEM" pages 32-36. *Page 33, right-hand column, line 38 to page 35, left-hand column, line 15*	1	
Y	A.F.I.P.S. CONFERENCE PROCEEDINGS vol.40, SPRING JOINT COMPUTER CONFERENCE, NEW YORK USA, 1972; DAVIS et al.: "A building block approach to multiprocessing", pages 685-703. *Page 691 left-hand column, line 6 to page 703 left-hand column, line 32*	1,2	

TECHNICAL FIELDS SEARCHED (Int Cl ³)

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The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
THE HAGUE	30-03-1982	LEPEE W.

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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